Weather Event Simulator
Case Study

Originating Office	:	WFO TULSA
Date of Case	:	23 November 2001
Contacts	:	Steve.Amburn@noaa.gov James.Frederick@noaa.gov
Weather Event	:	Severe Weather - Wind/Hail/Tornado
Learning Objectives	:	This is a significant tornado event. The objective is to let the trainee experience the warning process and learn when to warn and when not to warn.
Available Data	:	kinx/ksrx all AWIPS radar data.
	:	surface metar/lighting/msas.
	:	limited CONUS IR satellite imagery.
	:	Only Eta and LAPS gridded output.
Time Period of Data	:	2300 UTC Nov 23 to 0400 UTC Nov 24, 2001.
Type of Simulation	:	Virtual Reality Simulation -- Guided.
Completion Time	:	One hours (Part 1); four hours (Part 2)
Additional Materials	:	Electronic (WordPerfect) copy of Simulation Guide on the CD-ROM.
	:	Text warnings/statements/LSRs from WFO Tulsa and SWOMCDs from SPC.
	:	The CD-ROM also contains hazardous weather outlook graphics and text, local maps for reference and an HTML document with storm survey pictures.
Installation	:	Use the CaseInstaller.tcl script to install the case specifying one (1) DVD-ROM, the appropriate directory (e.g., /data/awips) on the appropriate hard drive (e.g., /dev/sdb1). The case directory will be called 2001Nov23.
Special Instructions	:	This case includes localization for WES version 4.0. Please "cd" to the 2001Nov23/localizationDataSets subdirectory and extract (zcat {filename} | tar -xvf -) the localization.
	:	Not all data are available at all resolutions.
	:	A log of telephone and amateur radio spotter reports is included in the Simulation Guide for use by the training officer during the simulation.
	:	Trainees should not become myopic to the area east of FSM.